

Title (en)
Detector device

Title (de)
Detektorvorrichtung

Title (fr)
Dispositif de détection

Publication
EP 2560188 B1 20200422 (DE)

Application
EP 12179402 A 20120806

Priority
DE 102011052738 A 20110816

Abstract (en)
[origin: EP2560188A1] The detector apparatus (1) has a housing (4) in which a detector (5) is arranged. A cooling component (11) is in direct contact with detector for cooling the detector. An electrically insulating structure (12) is provided to insulate the detector with respect to housing. The detector is provided with a light sensor e.g. photocathode (8) that is arranged on a substrate (7) for receiving to be detected light entering through an entry optic (9) of housing.

IPC 8 full level
H01J 40/02 (2006.01); **H01J 40/16** (2006.01); **H01J 43/02** (2006.01); **H01J 43/28** (2006.01)

CPC (source: EP US)
H01J 40/02 (2013.01 - EP US); **H01J 40/16** (2013.01 - EP US); **H01J 43/02** (2013.01 - EP US); **H01J 43/28** (2013.01 - EP US);
H01L 31/024 (2013.01 - US)

Citation (examination)

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- US 2006140462 A1 20060629 - SAGGAU PETER [US], et al
- MOTOHIRO SUYAMA ET AL: "PHOTOMULTIPLIERS: Hybrid detector combines PMT and semiconductor-diode technologies", LASER FOCUS WORLD, 1 March 2008 (2008-03-01), pages 1 - 8, XP055565747, Retrieved from the Internet <URL:https://www.laserfocusworld.com/articles/2008/03/photomultipliers-hybrid-detector-combines-pmt-and-semiconductor-diode-technologies.html> [retrieved on 20190307]

Cited by
NL2026789B1; WO2022093019A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
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EP 12179402 A 20120806; CN 201210292647 A 20120816; CN 201210292665 A 20120816; CN 201210292673 A 20120816; CN 201280050606 A 20120815; DE 102011052738 A 20110816; EP 12179411 A 20120806; EP 2012065967 W 20120815; JP 2012180129 A 20120815; JP 2012180130 A 20120815; JP 2012180131 A 20120815; JP 2014525445 A 20120815; US 201113325087 A 20111214; US 201213585991 A 20120815; US 201213586019 A 20120815; US 201214238849 A 20120815